Health Canada Santé Canada

Your health and safety... our priority. *Votre santé et votre sécurité... notre priorité.*

Re-evaluation Decision RVD2015-05

Prosulfuron

(publié aussi en français)

21 December 2015

This document is published by the Health Canada Pest Management Regulatory Agency. For further information, please contact:

Publications
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6607 D
Ottawa, Ontario K1A 0K9

Internet: pmra.publications@hc-sc.gc.ca
healthcanada.gc.ca/pmra
Facsimile: 613-736-3758
Information Service:
1-800-267-6315 or 613-736-3799
pmra.infoserv@hc-sc.gc.ca

Canada

ISSN: 1925-1017 (print)
1925-1025 (online)

Catalogue number: H113-28/2015-5E (print version)
H113-28/2015-5E-PDF (PDF version)

© Her Majesty the Queen in Right of Canada, represented by the Minister of Health Canada, 2015

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.

Re-evaluation Decision

Prosulfuron is a selective herbicide registered for post-emergent control of broadleaf weeds in field corn, seed corn, winter wheat, sorghum and millet. There are two products containing prosulfuron that are currently registered in Canada under the authority of the *Pest Control Products Act*, including one technical grade active ingredient and one commercial class end-use product.

After a re-evaluation of prosulfuron, Health Canada's Pest Management Regulatory Agency (PMRA), under the authority of the *Pest Control Products Act*, is granting continued registration of products containing prosulfuron for sale and use in Canada. An evaluation of available scientific information found that products containing prosulfuron do not present unacceptable risks to human health or the environment when used according to the requirements of continued registration listed below, which include revised label directions for all products. Appendix I lists the required label amendments, and Appendix II lists currently registered products containing prosulfuron. No additional data are requested at this time.

Requirements for continued registration

- Environment hazards statement
- Updated buffer zones statements to meet current labelling standards

The PMRA's pesticide re-evaluation program considers potential risks, as well as the value, of pesticide products to ensure they meet modern standards established to protect human health and the environment. Regulatory Directive DIR2012-02, *Re-evaluation Program Cyclical Re-evaluation* presents the details of the cyclical re-evaluation approach, which is in line with the requirements of the *Pest Control Products Act*. Re-evaluation draws on data from registrants, as well as published scientific reports, information from other regulatory agencies and any other relevant information available.

This re-evaluation decision[1] was proposed in the consultation document, Proposed Re-evaluation Decision PRVD2015-02, *Prosulfuron*. No comments were received during the consultation process. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2015-02. Please refer to both the Overview and more detailed Science Evaluation sections of PRVD2015-02 for the human health and environmental considerations underlying this re-evaluation decision.

A reference list for all data used as the basis for the re-evaluation decision is also included in PRVD2015-02.

[1] "Decision statement" as required by subsection 28(5) of the *Pest Control Products Act*.

To comply with this decision, the required mitigation measures must be implemented on all products labels sold by registrants no later than 24 months after the publication date of this document. Registrants of the products containing prosulfuron will be informed of the specific requirements affecting their product registration(s) and of the regulatory options available to them.

Other Information

Any person may file a notice of objection[2] regarding this decision on prosulfuron within 60 days from the date of publication of this Re-evaluation Decision document. For more information regarding the basis for objecting (which must be based on scientific grounds), please refer to the Pesticides and Pest Management portion of the Health Canada website (Request a Reconsideration of Decision) or contact the PMRA Pest Management Information Service.

[2] As per subsection 35(1) of the *Pest Control Products Act*.

Appendix I Label Amendments for Products Containing Prosulfuron

The label amendments presented below do not include all label requirements for individual end-use products, such as first aid statements, disposal statements, precautionary statements and supplementary protective equipment. Information on labels of currently registered products should not be removed unless it contradicts the following label statements.

The labels of products in Canada must be amended to include the following statements:

For the technical grade active ingredient product:

1. Create a section entitled **ENVIRONMENTAL HAZARDS**, and add the following to it:

   TOXIC to aquatic organisms.

2. In the section entitled **PRECAUTIONS**, add the following:

   DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

For end use product:

1. Create a section entitled **ENVIRONMENTAL HAZARDS**, and add the following to it:

   TOXIC to aquatic and non-target terrestrial plants. Observe buffer zones specified under "DIRECTIONS FOR USE".

   The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (for example, sandy soil) and/or the depth to the water table is shallow.

   To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

   Avoid application when heavy rain is forecast.

   Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

2. In the section entitled **DIRECTIONS FOR USE**, add the following:

   As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

   DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

Buffer Zones

Use of the following spray methods or equipment that DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

Buffer zones are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

As PEAK 75 WG Herbicide must be used in a tank mix with other herbicide products, the applicator must consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) DFR category indicated on the labels for those tank mix partners.

3. In the section entitled **USE PRECAUTIONS,** make the following changes:
   - Delete the third bullet point ("Overspray or drift to important wildlife habitats...") including the buffer zones table
   - Delete the fourth bullet point ("For tank-mixes, consult the labels of tank-mix partners...")

Appendix II Registered Prosulfuron Products as of 29 October 2015

Registration Number	Marketing Class	Registrant	Product Name	Formulation Type	Guarantee (%)
25309	Technical	Syngenta Canada Inc.	Prosulfuron Technical	Dust	97
25310	Commercial	Syngenta Canada Inc.	Peak 75WG Herbicide	Wettable granule	75